



# Siddharth Garg

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Vellore, Delhi

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## EDUCATION

Bachelor of Technology (B.Tech), Computer Science & Engineering  
(2018 - 2022)

VIT Vellore

CGPA : 8.85/10

XII (Senior Secondary), Science

Year of Completion: 2017

CBSE Board (Delhi Public School RK Puram)

Percentage : 90.00%

X (Secondary)

Year of Completion: 2015

CBSE Board (Delhi Public School, Agra)

CGPA : 9.20/10

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## POSITIONS OF RESPONSIBILITY

- Design Head, Mozilla Firefox Club, VIT
  - Head of Marketing, ERIDE NGO, Vellore
  - Ex Tech team, Senior Core Committee Member at Computer Society of India, VIT
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## TRAININGS

Fundamentals Of Parallelism On Intel Architecture

Intel Through Coursera (Online)

Sep 2019 - Nov 2019

This course will introduce you to the multiple forms of parallelism found in modern Intel architecture processors and teach you the programming frameworks for handling this parallelism.

[coursera.org/account/accomplishments/verify/L8KYNR44Q4HQ](https://coursera.org/account/accomplishments/verify/L8KYNR44Q4HQ)

## HTML, CSS And JavaScript

HKUST (Online)

Oct 2015 - Jan 2016

Advanced elements of JavaScript control, including advanced use of functions, event control, array processing, and DOM manipulation.

Certificate Link

[coursera.org/account/accomplishments/verify/D5DDZ8QVKZR5](https://coursera.org/account/accomplishments/verify/D5DDZ8QVKZR5)

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## PROJECTS

### Mess Management Portal using Django

Jun 2019 - Nov 2019

<https://github.com/realsidg/dbmsProject>

Using Django I created a web application that improves the daily processing of Management of Mess, Ordering and maintaining balances of students easy. It provides a portal for admin as well as students.

### Extracting value of noised video dashboard of an aeroplane using video processing

Sep 2018 - Nov 2019

[https://github.com/realsidg/Video\\_Processing](https://github.com/realsidg/Video_Processing)

A video of the dashboard in an aeroplane's cockpit is given which has a lot of noise, Features have to be extracted from it and then exported to a csv file with respect to time.

### Minesweeper construction and solving algorithm

Dec 2018 - Apr 2019

<https://github.com/realsidg/Minesweep>

This project contains two modules, the game and the solver. The game implementation presents a cli interface for the user to interact with the puzzle. The solver essentially analyzes the same grid shown to the user and makes an optimum move.

### TB Saathi (Tuberculosis Diagnosis using neural network and reporting tool)

Nov 2019 - Present

<https://www.siddharthgarg.in/TBSaathi.pdf>

It is a portal which helps informal practitioners send TB reports data to PHC which is first analyzed by a neural network and calculates the probability of patient having tuberculosis using generic symptoms which helps to decide for a sputum test.

## Personal Portfolio

Nov 2019 - Present

<https://www.siddharthgarg.in/>

Simple personal portfolio website.

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### SKILLS

#### HTML

Intermediate

#### CSS

Intermediate

#### SCSS

Intermediate

#### Python

Intermediate

#### Flask

Intermediate

#### JavaScript

Intermediate

#### PHP

Beginner

#### C++ Programming

Intermediate

#### Adobe Photoshop

Intermediate

#### Adobe Illustrator

Intermediate

#### English Proficiency (Spoken)

Advanced

#### English Proficiency (Written)

Advanced

#### PostgreSQL

Beginner

#### Machine Learning

Intermediate

#### Django

Intermediate

#### Cloud Computing

Intermediate

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### WORK SAMPLES

GitHub Profile:

<http://github.com/realsidg>

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### ADDITIONAL DETAILS

- Secured 1st rank in competitive coding competition 'Reverse Coding' held by ACM during gravitas2019 VIT.

- Secured 1st rank in competitive coding competition 'Jumble Ladder' held during gravitas2018 at VIT.
- Secured 2nd rank in "Hello World 3.0" hackathon for the project TB Saathi.
- Secured 3rd rank in DBMS Makeathon 2019 at VIT.
- Check my website for updated details [www.siddharthgarg.in](http://www.siddharthgarg.in)